

3/1
a second moving mechanism for vertically moving said top plate and said image receiver, and

limiting means for limiting action of said second moving mechanism in accordance with the position of said image receiver relative to said top plate and/or posture of said image receiver.

2. (Amended) A radiographic apparatus according to claim 1, wherein said first moving mechanism comprises a guide mechanism for allowing said image receiver to change in position in a horizontal direction relative to said top plate and/or in posture.

3. (Amended) A radiographic apparatus according to claim 1, wherein said first moving mechanism comprises a guide mechanism for guiding movement of said image receiver in a horizontal direction, between a first position under said top plate and a second position at a side of said top plate.

4. (Amended) A radiographic apparatus according to claim 3, wherein the action of said second moving mechanism is limited in a case in which said image receiver is not at said first position.

5. (Amended) A radiographic apparatus according to claim 3, wherein in a case in which said image receiver is at a second position, the action of said second moving mechanism is limited when said image receiver is in a horizontal posture and the action of said second moving mechanism is not limited when said image receiver is in a vertical posture.

6. (Amended) A radiographic apparatus according to any one of claims 1 to 5, wherein said limiting means comprises a controller for controlling the action of said second moving mechanism and a detector for detecting the position of said image receiver relative to said top plate and/or posture of said image receiver, and said controller executes control of the action based on a detection result of said detector.

7. (Amended) A radiographic apparatus according to claim 1, further comprising a detector for detecting, while said image receiver is in a horizontal posture at a side of said top plate, an obstacle present under said image receiver; wherein a descending action of said second moving mechanism is limited based on a detection result of said detector.

8. (Amended) A radiographic apparatus according to claim 1, further comprising an operation member for operating said second moving mechanism, wherein said operation member is provided at a position difficult to operate when said image receiver is in a horizontal posture at a side of said top plate.

9. (Amended) A radiographic apparatus, comprising:
a top plate for supporting a subject;
an image receiver for receiving a radiographic image of the subject;
a first moving mechanism for varying a position relative to said top plate and/or posture of said image receiver;

Sub B3
Conced

a second moving mechanism for vertically moving said top plate and said image receiver; and

a detector for detecting, while said image receiver is in a horizontal posture at a side of said top plate, an obstacle present under said image receiver,

wherein descending action of said second moving mechanism is limited based on a detection result of said detector.

10. (Amended) A radiographic apparatus, comprising:

A1
CMTB.

a top plate for supporting a subject;

an image receiver for receiving a radiographic image of said subject;

a first moving mechanism for varying a position relative to said top plate and/or posture of said image receiver;

a second moving mechanism for vertically moving said top plate and said image receiver; and

an operation member, to be operated by an operator, for operating said second moving mechanism;

wherein said operation member is provided at a position difficult to operate when said image receiver is in a horizontal posture at a side of said top plate.

11. (Amended) A radiographic apparatus according to claim 1, 9 or 10, wherein said radiographic image is an X-ray image.

12. (Amended) A radiographic apparatus according to claim 11, further comprising an X-ray generator for generating an X-ray.

Sub
B4

13. (Amended) A radiographic apparatus according to claim 1, 9 or 10, wherein said image receiver comprises one of a radiographic film, a photostimulable phosphor sheet and a digital radiographic detector.

14. (Amended) A radiographic apparatus, comprising:
a top plate, movable in a direction, for supporting a subject;
an image receiver for receiving a radiographic image of the subject;
a moving mechanism for varying a position relative to said top plate and/or posture of said image receiver; and
limiting means for limiting the movement of said top plate in a predetermined direction in accordance with the position of said image receiver relative to said top plate and/or the posture of said image receiver.

Al
Cm 12.

15. (Amended) A radiographic apparatus according to claim 14, wherein said limiting means comprises a detector for detecting the posture of said image receiver and limits the movement of said top plate based on a detection result of said detector.

Sub
B5

16. (Amended) A radiographic apparatus according to claim 14, wherein said moving mechanism guides movement of said image receiver in a horizontal direction between a first position under said top plate and a second position at a side of said top plate and also guides switching of said image receiver, at said second position, between a horizontal posture and a vertical posture.

Sub
B1
cancel

17. (Amended) A radiographic apparatus according to claim 16, wherein the horizontal direction is a direction of a shorter side of said top plate, and said limiting means limits the movement of said top plate in the direction of the shorter side in accordance with the posture of said image receiver.

A1
comp.

18. (Amended) A radiographic apparatus, comprising;
a top plate, movable in a direction, for supporting a subject;
an image receiver for receiving a radiographic image of the subject;
a moving mechanism for varying a position relative to said top plate and/or posture of said image receiver; and
limiting means for limiting change in the posture of said image receiver in accordance with a position of said top plate.

19. (Amended) A radiographic apparatus according to claim 18, wherein said limiting means comprises a detector for detecting the position of said top plate and limits the change in the posture of said image receiver based on a detection result of said detector.

Sub
B1

20. (Amended) A radiographic apparatus according to claim 18, wherein said moving mechanism guides movement of said image receiver in a horizontal direction between a first position under said top plate and a second position at a side of said top plate and also guides switching of said image receiver, at said second position, between a horizontal posture and a vertical posture.

21. (Amended) A radiographic apparatus according to claim 18, wherein said limiting means limits the change in the posture of said image receiver from horizontal to vertical.

22. (Amended) A radiographic apparatus, comprising;
a top plate, movable in a horizontal direction, for supporting a subject;
an image receiver for receiving a radiographic image of the subject;
a moving mechanism for varying a position in the horizontal direction relative to said top plate and a posture of said image receiver; and
limiting means for limiting movement of said top plate in the horizontal direction in accordance with the posture of said image receiver and position of said top plate.

23. (Amended) A radiographic apparatus according to claim 22, wherein said limiting means comprises a first detector for detecting the posture of said image receiver and a second detector for detecting the position of said top plate, and the movement of said top plate is limited based on detection results of said first and second detectors.

24. (Amended) A radiographic apparatus according to claim 22, wherein said moving mechanism guides movement of said image receiver in the horizontal direction between a first position under said top plate and a second position at a side of said top plate and also guides switching of said image receiver, at said second position, between a horizontal posture and a vertical posture.

Sub
B8
cont.

25. (Amended) A radiographic apparatus according to claim 22, wherein the horizontal direction is a direction of a shorter side of said top plate, and said limiting means limits the movement of said top plate in the direction of the shorter side when said top plate is positioned within a predetermined range in the direction of the shorter side.

26. (Amended) A radiographic apparatus, comprising:
a top plate, movable in a horizontal direction, for supporting a subject;
an image receiver for receiving a radiographic image of the subject;
a moving mechanism for varying a position in the horizontal direction relative to said top plate and posture of said image receiver; and
a shock absorbing member positioned between said top plate and said image receiver for avoiding direct collision therebetween, in a case in which said top plate is moved toward said image receiver, not being in a horizontal posture, in the horizontal direction or in a case in which the posture of said image receiver is changed from a horizontal posture while said top plate is positioned within a predetermined range in the horizontal direction.

AI
emb.

27. (Amended) A radiographic apparatus, comprising:
a top plate, movable in a horizontal direction, for supporting a subject;
an image receiver for receiving a radiographic image of the subject; and
a moving mechanism for varying a position in the horizontal direction relative to said top plate and posture of said image receiver;
wherein said moving mechanism comprises a locking mechanism for preventing said image receiver from moving in the horizontal direction when said top plate

is positioned within a predetermined range in the horizontal direction and said image receiver is not in a horizontal posture.

28. (Amended) A radiographic apparatus according to any one of claims 14 to 27, further comprising a vertical moving mechanism for vertically moving said top plate and said image receiver.

29. (Amended) A radiographic apparatus according to any one of claims 14 to 27, wherein said radiographic image is an X-ray image.

30. (Amended) A radiographic apparatus according to claim 29, further comprising an X-ray generator for generating X-ray.

31. (Amended) A radiographic apparatus according to any one of claims 14 to 27, wherein said image receiver comprises one of a radiographic film, a photostimulable phosphor and a digital radiographic detector.

REMARKS

In view of the above amendments and the following remarks, Applicant requests favorable reconsideration of the above-identified application.

Claims 1-31 remain pending in this application, with Claims 1, 9, 10, 14, 18, 22, 26 and 27 being independent. Claim 9 is allowed. By this Amendment, Applicant has amended Claims 1-31.